

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(silicon with ceramic with propert\$4) same (laser with (cut\$4 etch\$4 dicing dice\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 11:08
L2	86	(silicon with ceramic with propert\$4) and (laser with (cut\$4 etch\$4 dicing dice\$4)) not 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 11:08
L3	21	(silicon with ceramic with propert\$4 same laser) and (laser with (cut\$4 etch\$4 dicing dice\$4)) not 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 11:08
L4	4	(silicon with ceramic with propert\$4 with (laser cut\$4 etch\$4 dicing dice\$4)) and (laser with (cut\$4 etch\$4 dicing dice\$4)) not 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 11:11
L5	262	(silicon near5 ceramic with (laser cut\$4 etch\$4 dicing dice\$4)) and (laser with (cut\$4 etch\$4 dicing dice\$4)) not 1 not 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 11:11
L6	59	(silicon near5 ceramic with (laser cut\$4 etch\$4 dicing dice\$4)) and (laser near5 (cut\$4 etch\$4 dicing dice\$4) with ceramic) not 1 not 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 11:12
L7	0	laser with (groov\$4 gap trench\$3) with (engrav\$4 etch\$4 cut\$4) with spall\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 12:34
L8	0	(laser with (groov\$4 gap trench\$3) with (engrav\$4 etch\$4 cut\$4)) same (therm\$9 with spall\$4 with ceramic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 12:35
L9	2	(laser with (groov\$4 gap trench\$3) with (engrav\$4 etch\$4 cut\$4)) and (therm\$9 with spall\$4 with ceramic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 12:38

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L10	1	(laser with (groov\$4 gap trench\$3) with (engrav\$4 etch\$4 cut\$4)) and (therm\$9 with spall\$4 with ceramic) and ((multiple plural\$4) with (layer coating))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 12:39
L11	11	(laser with (groov\$4 gap trench\$3 engrav\$4 etch\$4 cut\$4)) and (therm\$9 with spall\$4 with ceramic) and ((multiple plural\$4) with (layer coating))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 12:40
S1	1	braze with ((prior before) with after with during) with filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:06
S2	45	braze with (prior before) with filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:04
S3	56	braze with during with filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:02
S4	52	braze with after with filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:05
S5	5	S2 and S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 10:12
S6	147	braz\$4 with (prior before) near5 filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:04
S7	187	braz\$4 with (during while) near5 filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:05
S9	288	braz\$4 with (after subsequent\$4) near5 filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:05

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S10	3	S6 and S7 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:05
S11	1	braz\$4 same ((add\$4 feed\$4) with (prior before) with (after subsequent\$4) with (during while)) with filler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:08
S12	1	braz\$4 and ((add\$4 feed\$4) with (prior before) with (after subsequent\$4) with (during while) with filler) not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:08
S13	3	braz\$4 and ((deposit\$4 add\$4 feed\$4) with (prior before) with (after subsequent\$4) with (during while) with filler) not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:11
S14	3	solder\$4 and ((deposit\$4 add\$4 feed\$4) with (prior before) with (after subsequent\$4) with (during while) with filler) not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:12
S15	17	solder\$4 and ((deposit\$4 add\$4 feed\$4) with (prior before) with (after subsequent\$4) with (during while) with (solder\$4 filler))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:18
S16	294	((deposit\$4 add\$4 feed\$4) with (prior before) with (after subsequent\$4) with (during while) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:20
S17	11964	((deposit\$4 add\$4 feed\$4) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((prior before) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((after subsequent\$4) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((during while) with (join\$4 weld\$4 solder\$4 braz\$4 filler))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:22

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S18	879	((deposit\$4 add\$4 feed\$4) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((prior before) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) same ((after subsequent\$4) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) same ((during while) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:24
S19	414	((deposit\$4 add\$4 feed\$4) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((prior before) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) same ((after subsequent\$4) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) same ((during while) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((join\$4 weld\$4 solder\$4 braz\$4 filler) near5 (gap joint seam))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:34
S20	109	((deposit\$4 add\$4 feed\$4) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((prior before) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) with ((after subsequent\$4) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) with ((during while) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((join\$4 weld\$4 solder\$4 braz\$4 filler) near5 (gap joint seam))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:47
S21	4	((deposit\$4 add\$4 feed\$4) with (join\$4 weld\$4 solder\$4 braz\$4 filler)) and ((prior before) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler) with melt\$4) with ((after subsequent\$4) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler) with melt\$4) with ((during while) near5 (join\$4 weld\$4 solder\$4 braz\$4 filler) with melt\$4) and ((join\$4 weld\$4 solder\$4 braz\$4 filler) near5 (gap joint seam))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:51
S22	17685	b23k026\$.ipc.	JPO	OR	ON	2006/05/22 10:50
S23	2	S22 and (prior before) and (join\$4 weld\$4 solder\$4 braz\$4 filler) and (after subsequent\$4) and melt\$4 and (during while)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:52

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S24	3	S22 and (prior before) with (after subsequent\$4) with (during while)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 10:59
S25	1	("6223976").PN.	USPAT; USOCR	OR	OFF	2006/05/22 11:11
S26	1	("5318214").PN.	USPAT; USOCR	OR	OFF	2006/05/22 11:11
S27	4	((("5951892") or ("5441283") or ("4684780") or ("5352540"))).PN.	USPAT; USOCR	OR	OFF	2006/12/19 10:13
S28	2	"20010037823"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 11:51
S29	1	("6034348").PN.	USPAT; USOCR	OR	OFF	2006/12/19 10:13
S30	7	S27 S28 S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 11:14
S31	17	laser with (first near2 pass) with (second near2 pass) with (engrav\$4 etch\$4 cut\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 12:33
S32	1	("6703137").PN.	USPAT; USOCR	OR	OFF	2006/12/19 11:29
S38	1	S28 and (groov\$4 with (laser pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 11:44
S42	1	S28 and groov\$4 with (wide width)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 11:52
S43	7	S31 and beam near5 (wide width)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:03

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S44	10	S31 and micron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:10
S45	30	laser same ((first near2 pass) with (engrav\$4 etch\$4 cut\$4)) same ((second near2 pass) with (engrav\$4 etch\$4 cut\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:25
S46	5	S45 and ((first near2 pass) with (second near2 pass) with (differ\$4 wider narrower))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:24
S47	5	S45 and ((first near2 pass) with (second near2 pass) with (chang\$4 alter\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:22
S48	166	laser same ((first with pass) with (engrav\$4 etch\$4 cut\$4)) same ((second with pass) with (engrav\$4 etch\$4 cut\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:23
S49	5	S48 same (pass near5 (differ\$4 wide\$4 narrow\$4 chang\$4 alter\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:31
S50	189	laser same ((plural\$4 multiple) near5 pass same (engrav\$4 etch\$4 cut\$4 scrib\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:27
S51	5	S48 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:27
S52	0	S51 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:30
S53	5	S51 and (differ\$4 wide\$4 narrow\$4 chang\$4 alter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:33

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S54	140	first adj3 pass with greater near5 (parameter puls\$5 freq\$6 wide\$4 width footprint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:39
S55	4	S54 same laser with pass\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:38
S56	4	(cut cutting) with (second subsequent\$4) with first adj2 pass with greater near5 (parameter puls\$5 freq\$6 wide\$4 width footprint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/19 12:41
S57	11	(cut cutting) with (second subsequent\$4) with first adj2 pass with greater not S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 11:05